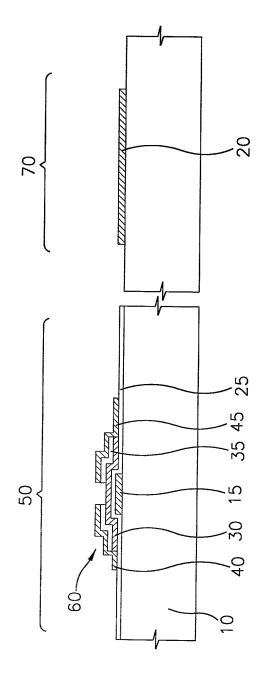
FIG. 1A (PRIOR ART)



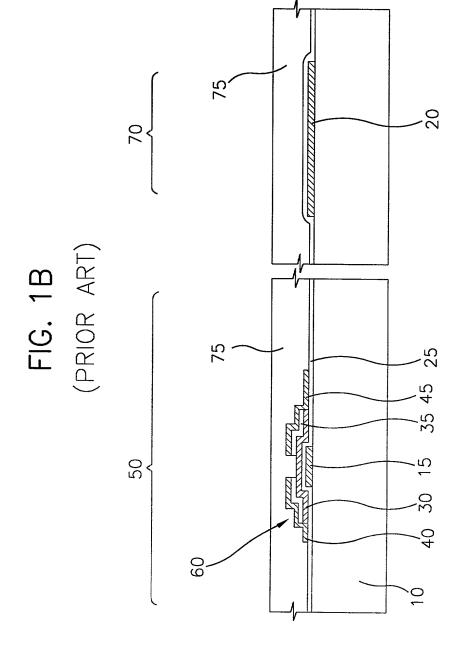
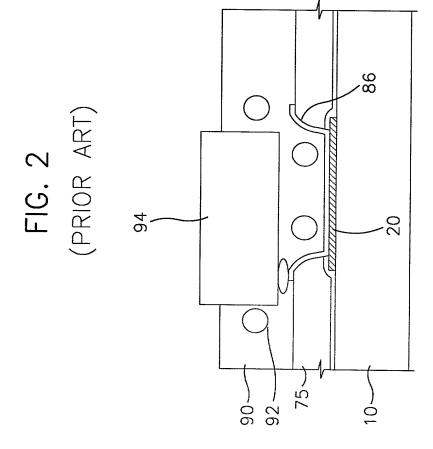
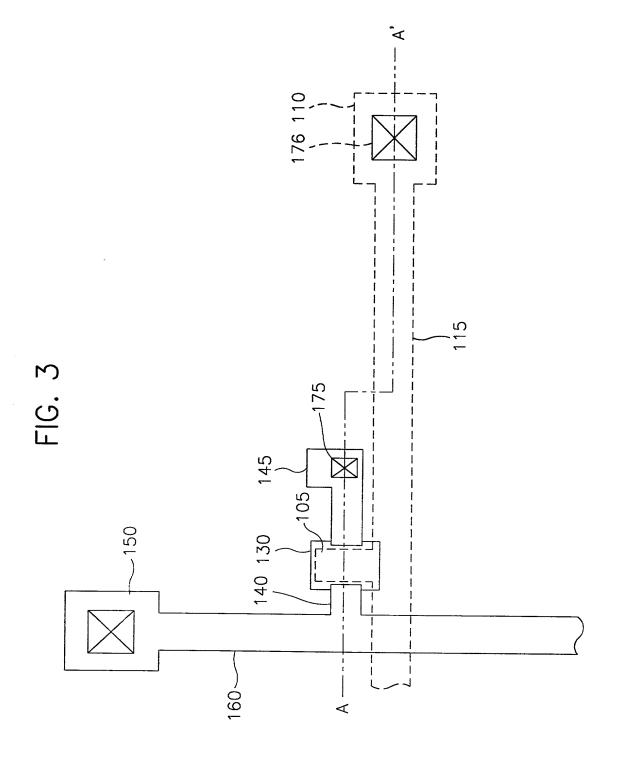


FIG. 1C (PRIOR ART) 

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3,

FIG. 4A

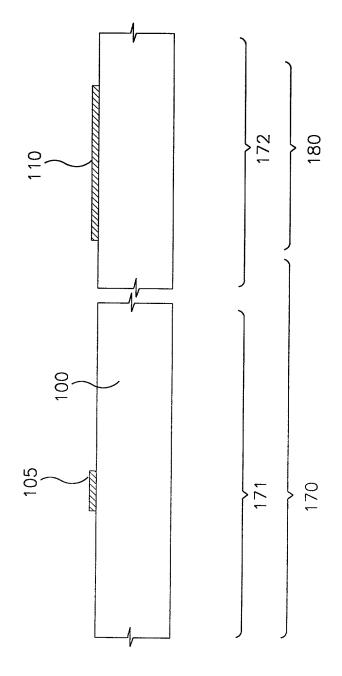
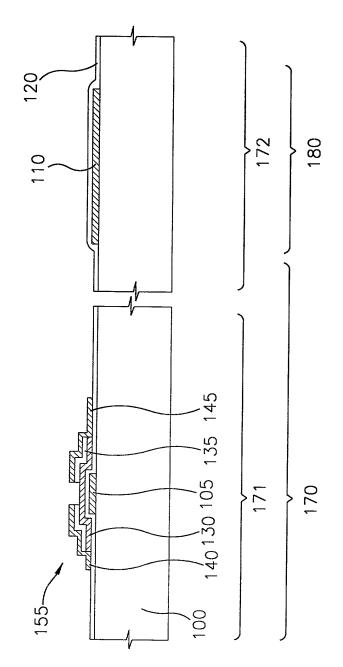
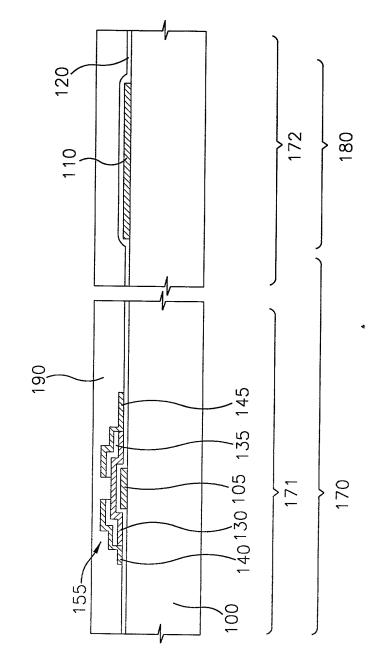


FIG. 4B



e,

FIG. 4C





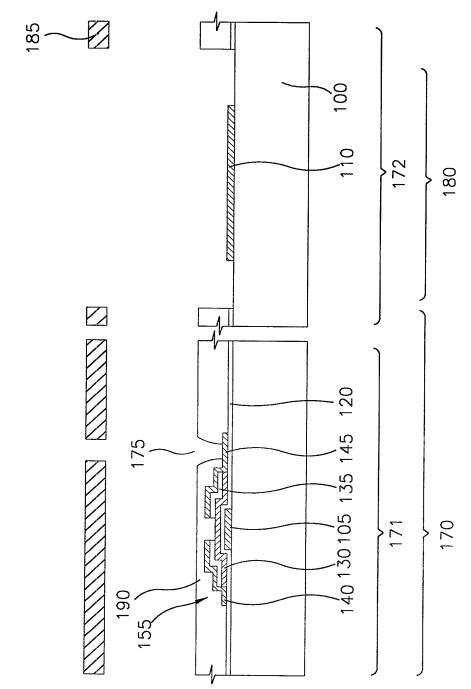


FIG. 4E

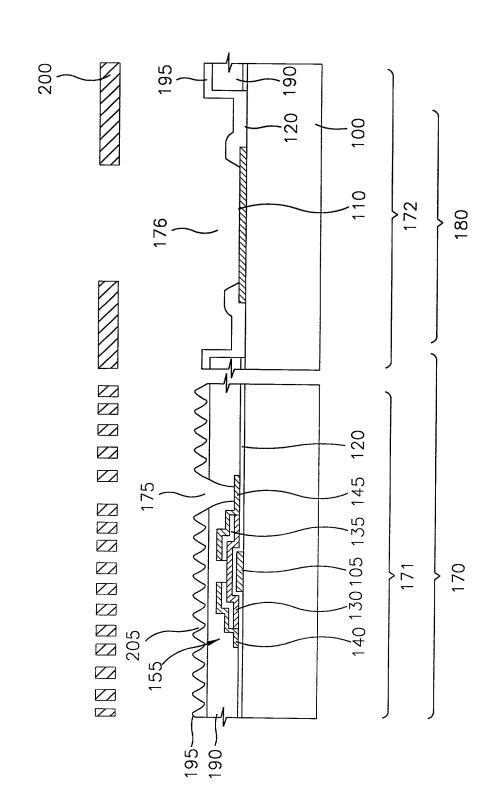
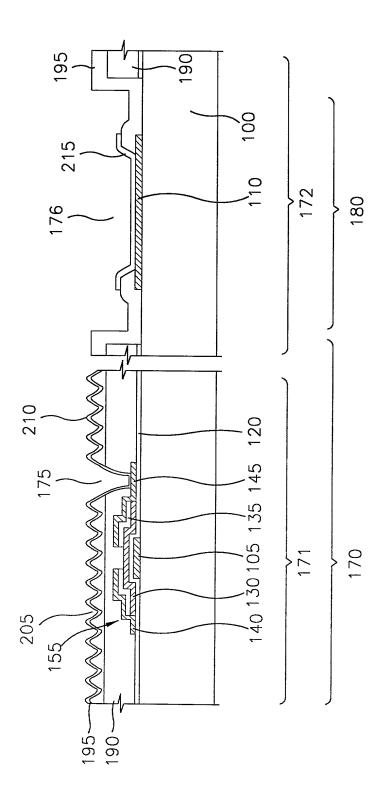


FIG. 4F



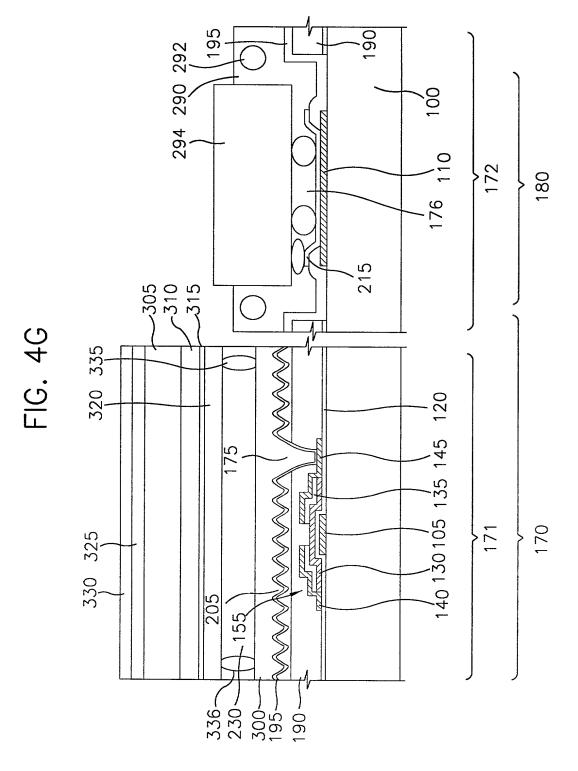


FIG. 5A

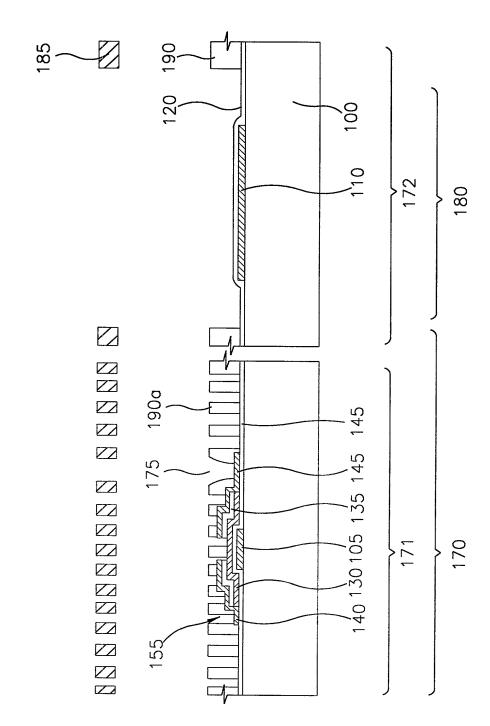


FIG. 5B

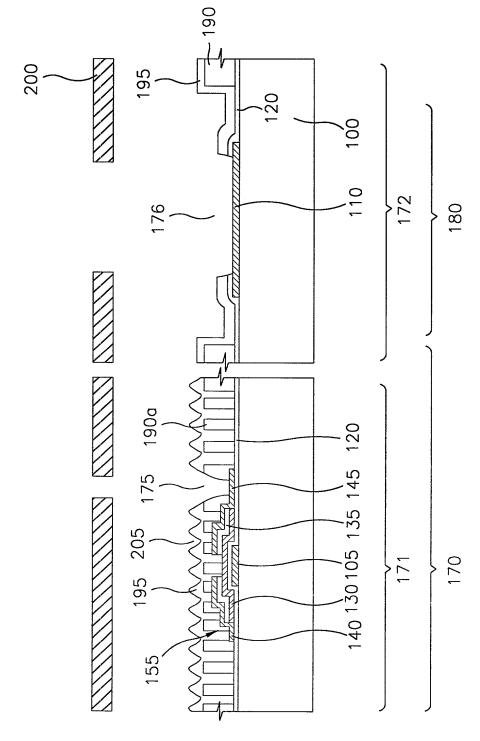
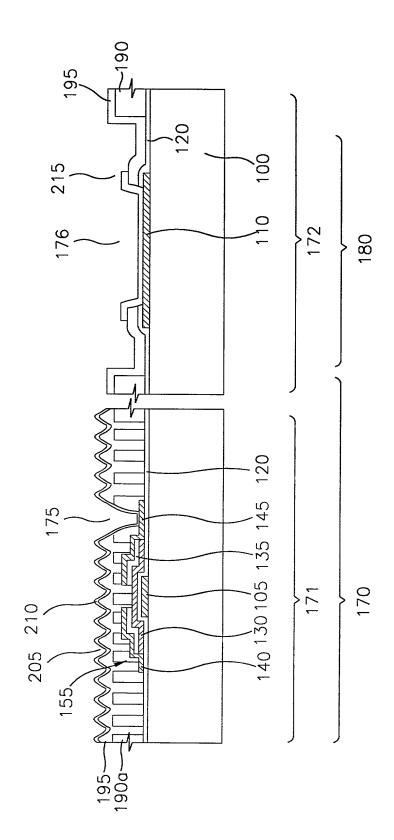


FIG. 5C



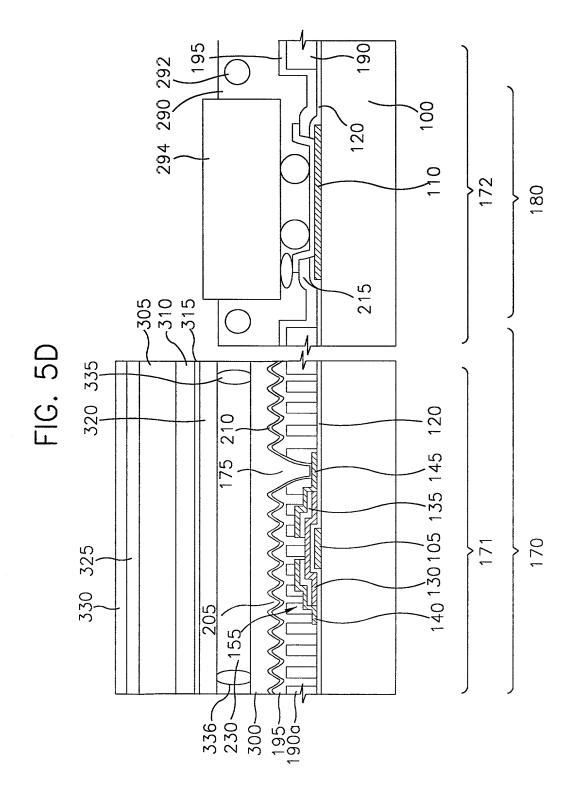


FIG. 6A

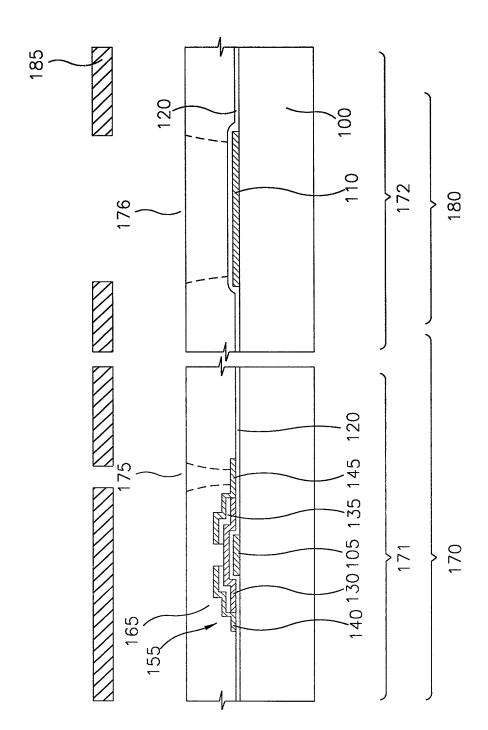


FIG. 6B

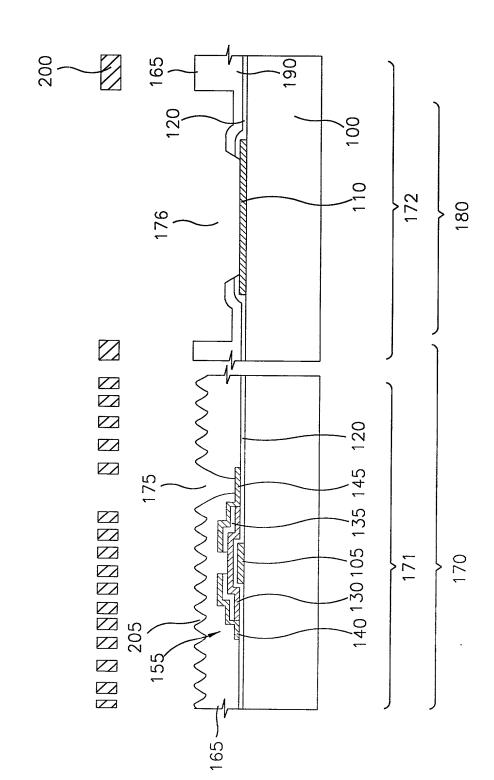
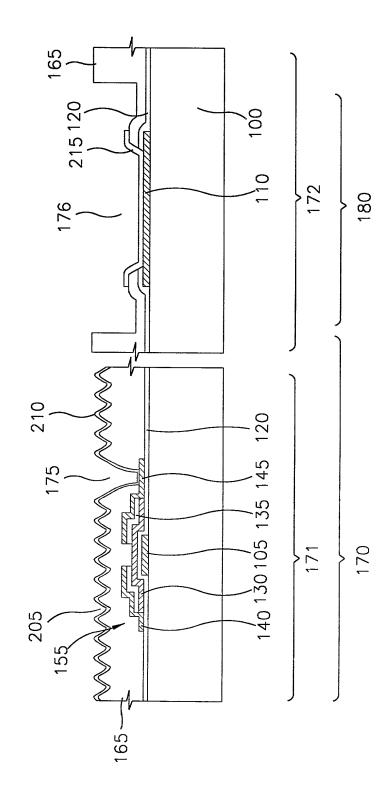
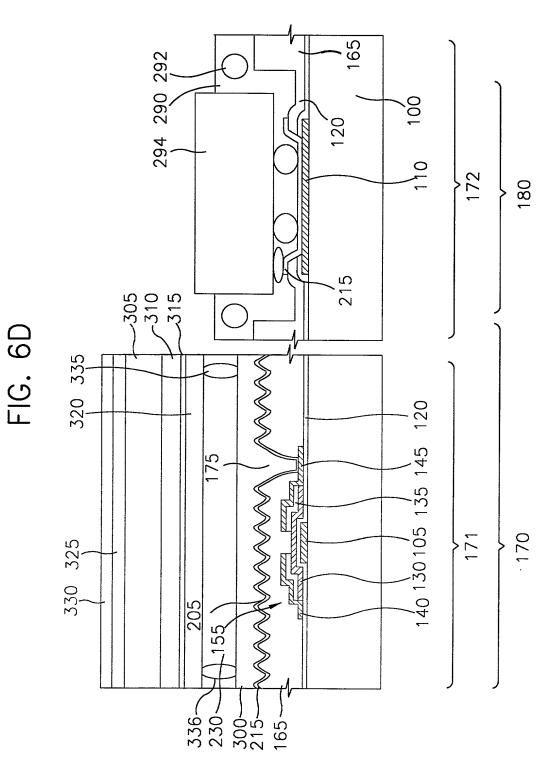


FIG. 6C

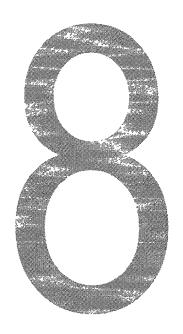




## UNITED STATES PATENT AND TRADEMARK OFFICE DOCUMENT CLASSIFICATION BARCODE SHEET



# Oath/Declaration, Small Entity, and Power of Attorney



#### Atty. Docket No. 6192,0222AA

Application for United States Patent

#### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME

(check one)	[X] is attached hereto					
,	was filed on	, æ				
	Application Serial No and was amended on.					
	(if applicable)	·				
heret	by state that I have revi aims, as amended by any a	ewed and understand imendment referred to	the contents of thabove.	e above identi	fied specific	ati or
l ackno accordance with	owledge the duty to discharge Title 37, Code of Federal	ose information which Regulations, § 1.56*	is material to the e	examination of t	his applicati	lon i
application(s) for	by claim foreign priority or patent or inventor's car centor's certificate having a	tificate listed below a	nd have also identifi	ed below any fo	oreion appli	reigi Catio
Prior Foreign A	pplication(s)			priority d	airned	
2001-4087	KOREA		ary 29, 2001	XX	aimed	
	,, ,,		ary 29, 2001 onth/Year Filed)		airmed No	
2001-4087 (Number)  I hereb listed below and United States a acknowledge the	KOREA (Country)  by claim the benefit under it, insofar as the subject of pplication in the manner of duty to disclose materia between the filing date of	(Day/N  Title 35, United Stanatter of each of the opposited by the first all information as defin	conth/Year Filed)  tes Code, § 119 of laims of this applicate paragraph of Title 3 ed in Title 37. Cod	XX Yes any United State tion is not disc State of Foderal Re	No tes applicationsed in the second of the second in the second of the s	prio 12,

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### Atty. Docket No. 6192.0222AA

Power of Attorney: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Luke Anderson, Reg. No. 44,507 Andrew M. Calderon, Reg. No. 38,093 Mary G. Goulet, Reg. No. 35,884 Philip D. Lane, Reg. No. 41,140 Scott A. Felder, Reg. No. 47,558 Paul E. McGowan, Reg. No. 46,917 Hae-Chen Park, Reg. No. P-50,114 Kevin A. Reif, Reg. No. 36,381 Mark J. Young, Reg. No. 39,436

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor:	Yong-Kvu JANG			
Inventor's Signature	Yang Kyu Jang	Date:	2/ . Jan	2002
Residence;	1158-3, Mastan3-dong, Paldal-gu, Suwon-s	si, Gyeonggi-do, Kore	a	
Citizanship:	Korea			
Post Office Address:	Same as Above			

- \*Title 37, Code of Federal Regulations, § 1.56:
- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filling and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

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